

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Original) Method to extract a root of a tooth, whereby the upper part of the root of a tooth (12) is drilled into by a drill (1), characterised in that the drill (1) expanding the root (12) is coated, at least on its tip (9), with an abrasive material, through which the root is drilled at least to close to its base (12'), and after removal of the drill (1) a threaded pin can be inserted by rotation into the opening in the root (12).

2. (Original) Method according to claim 1, characterised in that the root (12) is expanded by a pin projection (8) which is coated with an abrasive material and has a smaller diameter than a boring drill part (6).

3. (Original) Drill to extract roots of teeth to execute the methods according to claim 1, with a boring drill part (6) and a shaft (2), the head (3) of which is provided with means for a rotatably connecting mounting in a drill device, characterised in that the drill part (6) is provided with a pin projection (8) at its forward end, preferably of smaller diameter and approximately cylindrical, which is coated with an abrasive material (10) at its tip (9) and on the cylindrical sheath.

4. (Original) Drill according to claim 3, characterised in that the cylindrical pin projection (8) has a length of between 5 and 8 mm and a diameter of 1.3 to 1.6 mm.

5. (Currently Amended) Drill according to claim 3 or 4, characterised in that the pin projection (8) has a length of at least approximately 6 mm and a diameter of at least approximately 1.3 mm.

6. (Currently Amended) Drill according to ~~one of claims~~ claim 3 to 5, characterised in that the abrasive material of the pin projection (8) consists essentially of diamond dust.

7. (Currently Amended) Drill according to ~~one of claims~~ claim 3 to 6, characterised in that the pin projection (8) is rounded at its abrasive tip and there is a taper (11) at the transition from the drill part (6) to the projection (8).

8. (Currently Amended) Drill according to ~~one of claims~~ claim 3 to 7, characterised in that the diameter of the drill part (6) is at least approximately 2 mm and the total length of the drill part (6) together with pin projection (8) is at least approximately 16 mm.

9. (Currently Amended) Drill according to ~~one of claims~~ claim 3 to 8, characterised in that the drill part (6) is in the form of a self-tapping screw.

10. (Currently Amended) Drill according to ~~one of claims~~ claim 3 to 9, characterised in that the drill part (6) has at least one helical groove (7) carrying away the drilled material and the pin projection (8) has at least one helical groove (7') extending to that on the drill part (6).